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| Docket Number (Optional)

REISSUE APPLICATION DECLARATION BY THE INVENTOR	740819-617
As a below named inventor, I hereby declare that:  My residence, mailing address and citizenship are stated below next to my I believe I am the original, first and sole inventor (if only one name is listed inventory (if plural names are listed below) of the subject matter which is number 6.117.700 grantedSeptember 12.2000 and for which invention entitledMETHOD FOR FABRICATING SEMICONDUCTOR NITRIDE the specification of which	d below) or an original, first and joint described and claimed in patent h a reissue patent is sought on the
is attached hereto.  was filed onas reissue application number _ and was amended on  (If applicable)	
I have reviewed and understand the contents of the above identified specific amended by any amendment referred to above.  I acknowledge the duty to disclose information which is material to patents I verily believe the original patent to be wholly or partly inoperative or inv (Check all boxes that apply.)	ability as defined in 37 CFR 1.56
by reason of a defective specification or drawing.	
by reason of the patentee claiming more or less than he had the right t	o claim in the patent.
☐ by reason of other errors.	
At least one error upon which reissue is based is described below. If the remust be stated with an explanation as to the nature of the broadening:	eissue is a broadening reissue, such
The original patent claims less than I had a right to claim due to the fact the original patent application were not fully appreciated and, therefore, no presented. In particular, I did not fully appreciate the significant aspect of for fabricating a semiconductor device, comprising the steps of forming a mitride containing a dopant over a substrate, as well as other steps to make semiconductor layer p-type. For instance, I did not fully appreciate the significant aspect of my invention which discloses a method comprising the a metal on the semiconductor layer, and applying RF power on the semicon to fully appreciate the significant aspects of my invention which discloses charging plasma into the vacuum chamber to form an ambient of plasma values at about 600°C or lower after introducing the substrate into a vac fully appreciate the significant aspects of my invention which discloses a p-side electrode out of a metal on the semiconductor layer, and after introducing charging plasma into the vacuum chamber to form an ambient of the substrate at about 600°C or lower. The issued claims 1-15 of the profile of the original patent claimed less than I had a right to claim and I	or claims directed to these methods were my invention which discloses a method semiconductor layer of a Group III the conductivity type of the enificant aspect of my invention which less did not fully appreciate the setep forming a p-side electrode out of inductor layer. In addition, I also did so a method comprising the step of while keeping the temperature of the num chamber. Finally, I further did not method comprising the steps of forming oducing the substrate into a vacuum of plasma while keeping the temperature esent patent fail to claim these methods

[Page 1 of 2]

above described methods and dependent variations thereof supported in the original patent are now claimed in

added claims 16 to 43 of the subject reissue application.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)			740819-617						
As a named inventor, I	hereby a	ue application arose with appoint the following attored attention of the contract of the contr	orney(s) ar	nd/or ag	gent(s)	to prosecute this			
Name(s)	Re	gistration Number	Nam	ne(s)		Registra	tion Nur	nber	
Daniel W. Sixboy		20,932		J. Robinso	n .	38,285			
Stuart J. Friedman		24,312	Marc	S. Kaufn	nan	35,212			
Charles M. Leedom, Jr. David S. Safran	rles M. Leedom, Jr. 26,477 Daniel S. Song 43,143								
Thomas W. Cole	27,997 James E. Howard 39,175 28,290 Corinne R. Gorski 34,339								
Donald R. Studebaker		32,815	•	H. Vick		45,28:			
Jeffrey L. Costellia Tim L. Brackett, Ir.		35,483 36,092	Luan	C. Do		38,43	•		
	ss: Direc	t all communications abo	out the app	lication	to:				
☑ Customer Number		22204			Place Customer Number Bar			er Bar	]
Customa Hamour		Type Customer Numb	er here	ı		Code Label he	re		
_ Firm or									
Individual Name									
Address									
Address									
City				State			Zip	ł	
Country	ļ			I					
Telephone									
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.									
Full name of sole or fir Kenji ORITA	st invent	or (given name, family na	ıme)						
nventor's signature Kenji Ovita DateOctober 29, 2001									
Residence Osaka, Japan Citiz			Citize	izenship Japan					
Mailing Address 1-44-9-C104, Tsunoe-cho, Takatsuki-shi, Osaka 569-0822, Japan									
Full name of second joi Masahiro ISHIDA	int inven	tor (given name, family n	ame)						
Inventor's signature Anoshiro Ishida Date October 29, 2001									
Residence Osaka, Japan Citizenship Japan									
Mailing Address 24-6	, Ikaga-	nishimachi, Hirakata-sh	i, Osaka S	573-006	6, Jap	an			
Full name of third joint Shinji NAKAMURA	inventor	(given name, family nam	ne)						
Inventor's signature									
Residence Osaka, Ja	Residence Osaka, Japan Citizenship Japan								
Mailing Address 1-3-	507-403,	Nasahara, Takatsuki-sl	hi, Osaka	569-10	41, Jap	рал			
Additional joint in	ventors a	re named on separately n	umbered s	heets at	tached	hereto.			

Docket Number (Optional) 740819-617

## REISSUE APPLICATION DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page \_\_\_\_ of \_\_\_

Full name of fourth joint inventor (given name, family name Masaaki YURI	ne)
Inventor's signature Masack: Upin	Date October 29,2001
Residence Osaka, Japan	Citizenship Japan
Mailing Address 6-26-1201, Funaki-cho, Ibaraki-shi, C	)saka 567-0828, Japan
Full name of fifth joint inventor (given name, family name	e)
Inventor's signature	Date
Lesidence Citizenship	
Mailing Address	
Full name of sixth joint inventor (given name, family name	ie)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
Full name of seventh joint inventor (given name, family n	ame)
Inventor's signature	Date
Residence Citizenship	
Mailing Address	
Full name of eighth joint inventor (given name, family na	me)
nventor's signature Date	
Residence Citizenship	
Mailing Address	
Full name of ninth joint inventor (given name, family nam	ne)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	<u> </u>
Full name of tenth joint inventor (given name, family name	ne)
Inventor's signature	Date
Residence	Citizenship
Mailing Address	
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REISSUE APPLICATION: CONSENT OF ASSIGNI STATEMENT OF NON-ASSIGNMENT	Docket Number (Optional) 740819-617
	•
This is part of the application for a reissue patent based on the original	inal patent identified below.
Name of Patentee(s)	
Kenji ORITA, Masahiro ISHIDA, Shinji NAKAMURA	A, and Masaaki YURI
Patent Number	Date Patent Issued
6,117,700	September 12, 2000
Title of Invention  METHOD FOR FABRICATING SEMICONDUCTOR HAVING GROUP III NITRIDE	DEVICE
<ol> <li>Filed herein is a statement under 37 CFR 3.73(b). (Fo</li> <li>Ownership of the patent is in the inventor(s), and no as</li> <li>One of boxes 1 or 2 above must be checked. If multiple assignees box 2 is checked, skip the next entry and go directly to "Name of A</li> </ol>	ssignment of the patent is in effect.  complete this form for each assignee. If
The written consent of all assignees and inventors owning an undiincluded in this application for reissue.	
The assignee(s) owning an undivided interest in said original pater Co., Ltd., and the assignee(s) consents to the accompanying applications.	
Name of assignee/inventor (if not assigned)	
Matsushita Electric Industrial Co., Ltd.	
Signature H. Witagawa	Date October 29, 2001
Typed or printed name and title of person for assignee (if assigned	)
Hidemasa KITAGAWA	
General Manager, IP Development Center	, Authorized Signing Office

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#### REISSUE APPLICATION BY THE ASSIGNEE, OFFER TO SURRENDER PATENT

Docket Number (Optional) 740819-617

This is part of the application for a reissue patent based on the original patent identified below.

Name of Patentee(s)

Kenji ORITA, Masahiro ISHIDA, Shinji NAKAMURA, and Masaaki YURI

Patent Number

6,117,700

Date Patent Issued

September 12, 2000

Title of Invention

METHOD FOR FABRICATING SEMICONDUCTOR DEVICE HAVING GROUP III NITRIDE

Matsushita Electric Industrial Co., Ltd., is the assignee of the entire interest in the original patent.

I offer to surrender the original patent.

A certificate under 37 CFR 3.73(b) is attached.

I am authorized to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

Name of assignee

Matsushita Electric Industrial Co., Ltd.

Signature of person signing for assignee

Date

October 29, 2001

Typed or printed name and title of person signing for assignee

Hidemasa KITAGAWA

General Manager, IP Development Center Authorized Signing Officer

stagawa,

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To the Honorable Commissioner of Patent and Trademarks. Please record the attached original documents or copy thereof.

<u> </u>	Name of conveying party(ies): MATSUSHITA ELECTRONICS CORPORATION					
Add	litional name(s) of conveying party(ies) attached? _ Yes x No					
2.	2. Name and address of receiving party(ies):					
Stre City	ne:MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.  set Address:1006, Oaza Kadoma, Kadoma-shi  vOSAKA					
3.	Name of Conveyance:  Assignment Merger Security Agreement Change of Name Other  Execution Date: April 4, 2001					
	Application number(s) or patent number(s): SEE ATTACHED.					
T T	Title:					
4	A: Patent Application No. B. Patent No.(s)					
**************************************	Additional numbers attached? x Yes No					
5 <b>1</b> 4	Name: NIXON PEABODY LLP Street Address: 8180 Greensboro Drive. Suite 800					
	City: McLean State: Virginia ZIP 22102					
6.	Total number of applications and patents involved: 105					
7.	Total fee (37 CFR 3.41):\$ 4200.00					
8.	<ul> <li>x Enclosed (Check Attached)</li> <li>Authorized to be charged to deposit account</li> <li>x Authorized to charge any deficiency in the payment of the required fee(s) or credit any overpayment to Deposit Account No. 19-2380.</li> <li>Deposit Account Number:</li> </ul>					
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doci	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the origin ument.	al				
Eric	June 7, 2001					
Nan	ne of Person Signing Signature Date					

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STATEMENT UNDER 37 CFR 3.73(b)		
Applicant/Patent Owner: Matsushita Electric Industrial Co., Ltd.		
Application No./Patent No.: 6,117,700 Filed/Issue Date: September 12, 2000		
Entitled: METHOD FOR FABRICATING SEMICONDUCTOR DEVICE HAVING GROUP III NITRIDE		
Matsushita Electric Industrial Co., Ltd., a corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)		
(Name of Assignee) (Type of Assignee, e.g., corporation, partnersmp, university, government agency, etc.)		
1. Et the assignee of the entire right, title, and interest; or		
2. an assignee of less than the entire right, title and interest.  The extent (by, percentage) of its ownership interest is%		
in the patent application/patent identified above by virtue of either:		
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OR		
B. [X] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:		
<ol> <li>From: Kenji Orita, Masahiro Ishida, Shinji Nakamura, and Masaaki Yuri To: Matsushita Electronics         <u>Corporation</u>         The document was recorded in the United States Patent and Trademark Office at         Reel <u>010222</u>, Frame <u>0748</u>, or for which a copy thereof is attached.</li> </ol>		
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[ ] Additional documents in the chain of title are listed on a supplemental sheet.		
[X] Copies of assignments or other documents in the chain of title are attached.  [NOTE: A separate copy (i.e., the original assignment document or true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]		
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.		
October 29,2001 Hidemasa KITAGAWA		
Date Typed or printed name		
General Manager, Signature  IR Development Center, Authorized Signing		
General Manager, Signature		
Officer - June 1		
Title		

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